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(SUBJECT IN TRIPLICATE)
HOBB'S OFFICE
UNITED STATES OCC
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY: 20

Record Form No. 2-2-34
RECEIVED
 Land Office, U.S. Office
 Lease No. 068264
 Date JAN 1 1957
 Oil Cont. Comm.
 ARTESIA OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	X	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACCIDENTS.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERNATE CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACCIDENT.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

JANUARY 2, 1957

Well No. 2 is located 2310 ft. from N line and 2310 ft. from W line of sec. 17

SW Sec. 17 14S 31E MPM
 (S.E. and S.W. No.) (Twp.) (Range) (Meridian)

Caprock-Queen Chaves New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4156 ft. (approx)

DETAILS OF WORK

(State names of and expected depths to objective sands; show plans, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Field development well to be drilled to the Queen formation and completed at about 3100 feet in the Field pay. About 300 feet of 8 5/8 surface casing will be run and cement circulated; about 3100 feet of 4 1/2 production string will be set through the pay and perforated for sand frack treatment. About 150 sacks of cement will be used on oil string.

This well will be designated the Hodge No. 2 Malco Federal

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 MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company T. F. HODGE

Address 1113 Continental Bank Building, Fort Worth, Texas
Charles C. Loveless, Jr.
 Returned approved copies to
CHAS. C. LOVELESS, JR.
727 Petroleum Build. Roswell, N. M. By Barry E. [Signature] Title Agent

1. Introduction

2. Objectives of the Study

3. Methodology

4. Results and Discussion

5. Conclusion

6. References

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1. Introduction

The purpose of this study is to investigate the effects of various factors on the performance of a system. The study is divided into two main parts: a theoretical analysis and an experimental investigation. The theoretical analysis is based on the principles of system dynamics and control theory. The experimental investigation is designed to verify the theoretical results and to determine the range of parameters over which the system is stable and performs well.

2. Objectives of the Study

The objectives of the study are:

1. To determine the stability of the system for various parameter values.

2. To determine the range of parameters over which the system is stable.

3. To determine the effect of the parameters on the system performance.

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